

Title (en)
REINFORCED FAN CONTAINMENT CASE FOR A GAS TURBINE ENGINE

Title (de)
VERSTÄRKTES FAN-BERSTSCHUTZGEHÄUSE FÜR EIN GASTURBINENTRIEBWERK

Title (fr)
BOÎTIER DE CONFINEMENT DE SOUFFLANTE RENFORCÉ POUR UN MOTEUR À TURBINE À GAZ

Publication
EP 3293366 B1 20210428 (EN)

Application
EP 17186115 A 20170814

Priority
• US 201615257206 A 20160906
• US 201615351009 A 20161114

Abstract (en)
[origin: EP3293366A1] A fan containment case (60) for a gas turbine engine is provided which includes a barrel (68) having a first band (91) of material on an outside (86) of the barrel. The first band is made of carbon fiber composite (88). The barrel further includes a second band (92) of material inboard of the fan case and made of poly p-phenylene-2,6-benzobisoxazole (PBO) composite (90). The barrel also includes a third band (93) of material made of carbon fiber composite (88) inboard of the second band.

IPC 8 full level
B29C 70/00 (2006.01); **D03D 1/00** (2006.01); **F01D 21/04** (2006.01)

CPC (source: EP US)
B29C 70/00 (2013.01 - EP US); **B32B 3/12** (2013.01 - US); **B32B 5/02** (2013.01 - US); **D03D 1/00** (2013.01 - EP US); **F01D 21/045** (2013.01 - EP US); **F01D 25/24** (2013.01 - US); **B32B 2250/40** (2013.01 - US); **B32B 2250/42** (2013.01 - US); **B32B 2262/02** (2013.01 - US); **B32B 2262/106** (2013.01 - US); **B32B 2307/558** (2013.01 - US); **B32B 2605/18** (2013.01 - US); **F02K 3/06** (2013.01 - US); **F04D 29/526** (2013.01 - US); **F05D 2240/14** (2013.01 - US); **F05D 2250/283** (2013.01 - EP US); **F05D 2300/224** (2013.01 - EP US); **F05D 2300/433** (2013.01 - EP US); **F05D 2300/603** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Cited by
EP4105452A1; EP3553280A1; US11746673B2; WO2020011617A1; US11156126B2

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EP 17186115 A 20170814; CA 2970326 A 20170612; EP 17184680 A 20170803; US 201615351009 A 20161114